

ACT Profile Report - State

Graduating Class 2009
Wisconsin



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This report provides information about the performance of your 2009 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2009 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Further, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

The ACT is a curriculum-based measure of college readiness. ACT components include:

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

30% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 46,658 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY: Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 73% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 6% of the cohort took less than three years of math courses. Of these students, 13% were college ready. 14% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 20% of these students were college ready. In comparison, 62% of the students who advanced beyond minimum math core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 10% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 40% of students who took at least three years of science coursework were college ready.

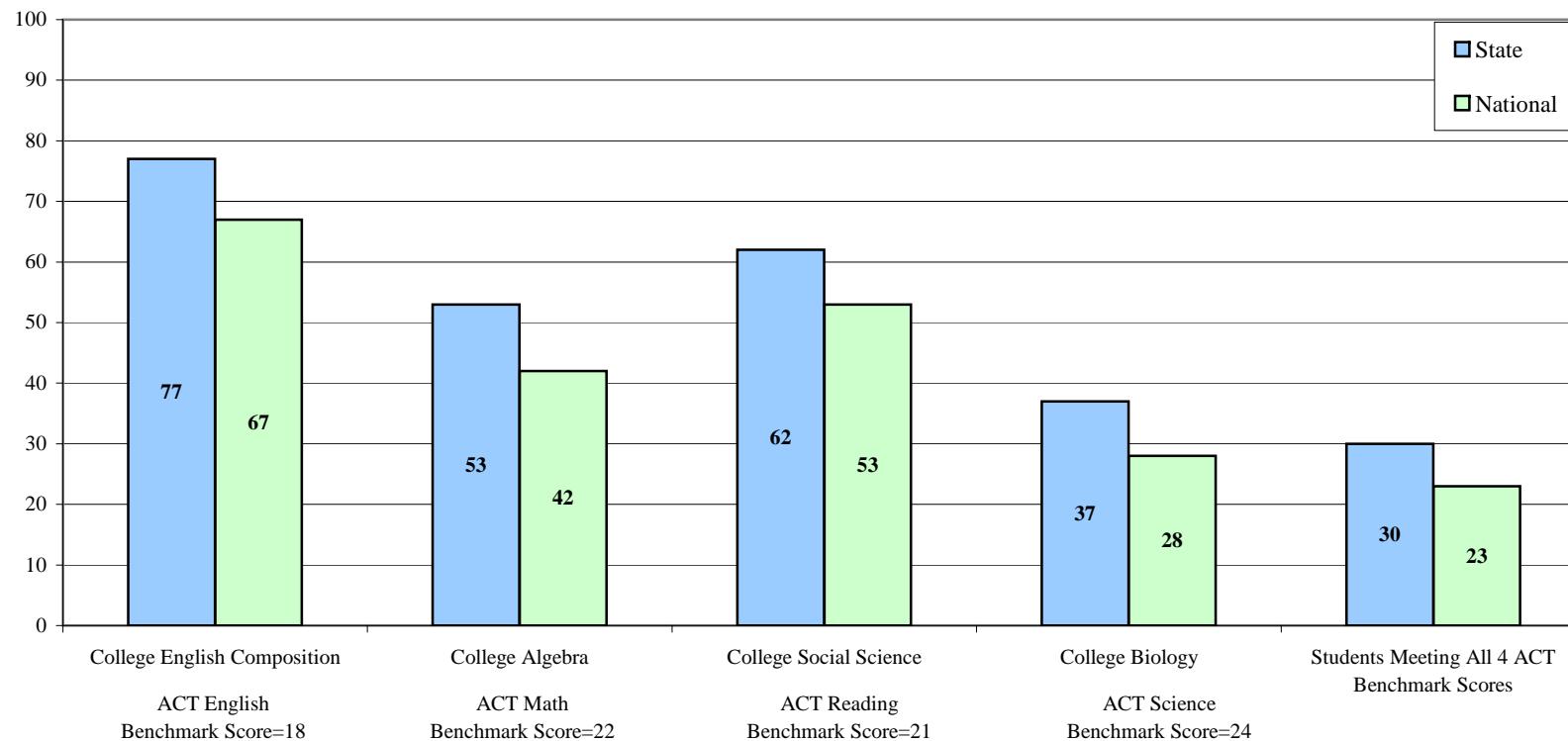
EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 34% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 847-634-2560.

Section I

Executive Summary

Figure 1.1. Percent of Your Students Ready for College-Level Coursework

A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks

Year	Number of Students Tested		Percent Meeting Benchmarks									
	State	National	English		Mathematics		Reading		Science		Meeting All Four	
			State	National	State	National	State	National	State	National	State	National
2005	45,700	1,186,251	76	68	52	41	60	51	36	26	28	21
2006	44,275	1,206,455	77	69	52	42	61	53	35	27	28	21
2007	46,430	1,300,599	77	69	53	43	60	53	37	28	29	23
2008	46,990	1,421,941	77	68	54	43	61	53	38	28	30	22
2009	46,658	1,480,469	77	67	53	42	62	53	37	28	30	23

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
			State	National	State	National	State	National	State	National	State	National
2005	45,700	1,186,251	21.5	20.4	22.0	20.7	22.4	21.3	22.3	20.9	22.2	20.9
2006	44,275	1,206,455	21.5	20.6	22.0	20.8	22.4	21.4	22.2	20.9	22.2	21.1
2007	46,430	1,300,599	21.6	20.7	22.2	21.0	22.4	21.5	22.4	21.0	22.3	21.2
2008	46,990	1,421,941	21.7	20.6	22.3	21.0	22.6	21.4	22.3	20.8	22.3	21.1
2009	46,658	1,480,469	21.7	20.6	22.2	21.0	22.6	21.4	22.3	20.9	22.3	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested		Average ACT Scores					
	State	National	English	Mathematics	Reading	Science	Composite	
			State	National	State	National	State	National
2005	1,186,251		20.4	20.7	21.3	20.9	20.9	
2006	1,206,455		20.6	20.8	21.4	20.9	21.1	
2007	1,300,599		20.7	21.0	21.5	21.0	21.2	
2008	1,421,941		20.6	21.0	21.4	20.8	21.1	
2009	1,480,469		20.6	21.0	21.4	20.9	21.1	

Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation

Year	Number of Students Tested		Percent ²		English		Mathematics		Reading		Science		Composite	
	Core or More ¹	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2005	27,159	15,492	59	34	22.3	20.1	22.8	20.7	23.1	21.1	22.9	21.2	22.9	20.9
2006	25,180	15,038	57	34	22.3	20.1	22.8	20.8	23.1	21.3	22.8	21.3	22.9	21.0
2007	24,322	16,684	52	36	22.4	20.4	23.0	21.1	23.1	21.4	23.0	21.5	23.0	21.2
2008	27,114	14,828	58	32	22.4	20.4	22.8	21.0	23.1	21.5	22.7	21.3	22.9	21.2
2009	33,991	11,745	73	25	22.4	20.1	22.9	20.6	23.3	21.2	22.9	21.1	23.0	20.9

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

	2005			2006			2007			2008			2009		
	N	%	Avg												
All Students	45,700	100	22.2	44,275	100	22.2	46,430	100	22.3	46,990	100	22.3	46,658	100	22.3
African American/Black	1,876	4	16.9	1,884	4	17.0	2,139	5	17.0	2,271	5	17.0	2,548	5	16.8
American Indian/Alaska Native	318	1	20.4	323	1	20.1	311	1	20.4	318	1	20.4	350	1	20.7
Caucasian American/White	37,867	83	22.6	35,718	81	22.6	35,381	76	22.7	36,397	77	22.8	37,801	81	22.9
Hispanic	1,061	2	19.6	1,147	3	19.6	1,206	3	20.0	1,297	3	19.7	1,412	3	19.7
Asian American/Pacific Islander	1,409	3	20.1	1,465	3	20.4	1,467	3	20.1	1,620	3	20.4	1,681	4	20.3
Other/No Response	3,169	7	22.5	3,738	8	22.2	5,926	13	22.8	5,087	11	23.1	2,866	6	22.6

Section II

Academic Achievement

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	147	100	132	100	361	100	123	100	21	100	36
35	476	100	250	100	260	99	250	100	120	100	35
34	689	99	481	99	834	99	336	99	221	100	34
33	627	97	597	98	1,200	97	309	98	412	99	33
32	679	96	665	97	1,040	94	419	98	636	98	32
31	826	94	771	95	1,436	92	697	97	847	97	31
30	1,070	93	715	94	1,768	89	943	95	1,207	95	30
29	1,163	90	1,600	92	1,698	85	1,127	93	1,344	93	29
28	1,522	88	1,997	89	1,836	82	1,405	91	1,913	90	28
27	1,675	85	2,235	85	1,952	78	1,651	88	2,268	86	27
26	2,095	81	3,056	80	2,101	73	2,513	84	2,723	81	26
25	3,038	76	3,122	73	2,068	69	4,654	79	3,088	75	25
24	2,604	70	3,404	67	2,644	65	2,989	69	3,426	68	24
23	3,112	64	3,066	59	2,877	59	4,627	63	3,690	61	23
22	3,522	58	2,479	53	2,813	53	3,980	53	3,833	53	22
21	3,902	50	2,975	47	4,157	47	4,290	44	3,912	45	21
20	3,520	42	2,822	41	2,713	38	4,726	35	3,655	36	20
19	2,778	34	2,766	35	3,154	32	3,626	25	3,166	29	19
18	2,305	28	2,775	29	1,905	25	2,545	17	2,903	22	18
17	1,945	23	3,634	23	2,718	21	1,268	12	2,306	16	17
16	2,306	19	3,604	15	1,893	15	1,259	9	1,792	11	16
15	2,095	14	2,238	8	1,701	11	870	6	1,338	7	15
14	1,177	10	903	3	1,501	8	682	4	898	4	14
13	972	7	266	1	982	4	555	3	532	2	13
12	751	5	70	1	479	2	346	2	276	1	12
11	580	4	22	1	344	1	246	1	103	1	11
10	503	2	8	1	118	1	109	1	18	1	10
9	336	1	3	1	54	1	83	1	6	1	9
8	151	1	1	1	26	1	17	1	2	1	8
7	53	1	0	1	16	1	4	1	0	1	7
6	28	1	0	1	2	1	5	1	2	1	6
5	6	1	0	1	3	1	3	1	0	1	5
4	2	1	1	1	2	1	1	1	0	1	4
3	3	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	2	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.7 (5.7)		22.2 (5.0)		22.6 (5.8)		22.3 (4.5)		22.3 (4.7)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subtest Score Averages

ACT Scale Score	English				Reading				Mathematics								ACT Scale Score	
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry					
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP		
18	1,645	100	550	100	1,541	100	1,971	100	2,054	100	453	100	465	100	18			
17	1,891	96	461	99	2,194	97	2,143	96	2,820	96	627	99	290	99	17			
16	2,097	92	2,891	98	2,784	92	3,702	91	2,509	90	1,406	98	1,774	98	16			
15	2,610	88	3,212	92	3,746	86	4,141	83	3,376	84	1,744	95	3,689	95	15			
14	3,171	82	3,814	85	3,354	78	4,326	74	3,681	77	5,588	91	4,023	87	14			
13	3,240	76	4,711	77	3,864	71	2,397	65	3,853	69	3,934	79	7,240	78	13			
12	4,030	69	6,315	66	5,778	63	4,334	60	5,754	61	6,519	71	4,584	63	12			
11	4,879	60	5,552	53	4,619	50	4,768	51	4,418	48	5,226	57	6,474	53	11			
10	5,560	49	6,083	41	4,307	40	4,183	40	4,155	39	8,974	45	6,067	39	10			
9	5,509	38	4,588	28	5,608	31	3,511	31	3,678	30	5,154	26	4,543	26	9			
8	3,445	26	3,626	18	3,428	19	4,141	24	4,434	22	3,445	15	3,436	16	8			
7	3,106	18	2,207	10	3,227	12	2,814	15	3,865	13	1,565	8	1,285	9	7			
6	2,312	12	1,068	6	1,170	5	1,914	9	1,433	4	829	4	1,161	6	6			
5	1,648	7	803	3	543	2	1,571	5	374	1	753	3	906	3	5			
4	965	3	530	2	231	1	475	2	162	1	178	1	312	2	4			
3	411	1	198	1	185	1	187	1	68	1	194	1	284	1	3			
2	123	1	43	1	62	1	80	1	22	1	31	1	77	1	2			
1	16	1	6	1	17	1	0	1	2	1	38	1	48	1	1			
Avg (SD)	10.8 (3.6)		11.2 (3.0)		11.5 (3.3)		11.5 (3.6)		11.6 (3.4)		11.1 (2.7)		11.3 (2.9)		Avg (SD)			

¹CP is the cumulative percent of students at or below a score point.

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	25	26	27	25	26
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	18	18	18	20	19

Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score Core or More	Average ACT Composite Score Less Than Core
State	All Students	46,658	73	23.0	20.9
	African American/Black	2,548	57	17.4	16.6
	American Indian/Alaska Native	350	62	21.7	19.4
	Caucasian American/White	37,801	75	23.4	21.4
	Hispanic	1,412	66	20.4	18.9
	Asian American/Pacific Islander	1,681	65	21.2	18.8
	Other/No Response	2,866	68	23.5	21.4
National	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.7	22.2	22.6	22.3	22.3
	African American/Black	15.9	16.7	16.9	17.4	16.8
	American Indian/Alaska Native	19.8	20.4	21.3	20.9	20.7
	Caucasian American/White	22.3	22.7	23.2	22.8	22.9
	Hispanic	18.7	19.6	20.1	20.0	19.7
	Asian American/Pacific Islander	18.9	21.1	19.7	20.8	20.3
	Other/No Response	22.2	22.4	23.1	22.3	22.6
National	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	1,939	4	1,460	3	2,655	6	1,018	2
	28 to 32	5,260	11	5,748	12	7,778	17	4,591	10
	24 to 27	9,412	20	11,817	25	8,765	19	11,807	25
	20 to 23	14,056	30	11,342	24	12,560	27	17,623	38
	16 to 19	9,334	20	12,779	27	9,670	21	8,698	19
	13 to 15	4,244	9	3,407	7	4,184	9	2,107	5
	01 to 12	2,413	5	105	0	1,046	2	814	2
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	Average ACT Scores						
		N	Percent	English	Mathematics	Reading	Science	Composite
State	Males	21,348	46	21.4	23.1	22.7	23.0	22.7
	Females	25,171	54	21.9	21.4	22.5	21.7	22.0
	Missing	139	0	22.3	22.7	23.7	22.6	23.0
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students					Meet All Four
		English	Mathematics	Reading	Science	All Four	
State	Males	75	60	63	44	35	
	Females	78	47	61	32	25	
National	Males	65	47	52	33	27	
	Females	69	38	53	24	20	

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ³	Avg
State	Core or More ²	33,991	81	22.4	59	22.9	67	23.3	42	22.9	34	23.0
	Less than Core	11,745	66	20.1	38	20.6	52	21.2	27	21.1	20	20.9
	Missing	922	35	16.0	14	17.3	25	17.5	11	18.1	7	17.4
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

¹"Curriculum Taken" reflects overall high school curriculum in this table.²"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.³Composite CRB% results reflect students who meet all four subject-area benchmarks.**Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum**

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More	44,304	78	21.9	43,192	56	22.6	39,617	64	22.8	41,431	40	22.7
	Less than Core	1,644	58	18.9	2,594	13	17.6	6,301	57	21.8	4,464	18	19.9
	Missing	710	34	16.0	872	14	17.3	740	25	17.5	763	12	18.1
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

¹"Curriculum Taken" reflects content-specific curriculum in this table.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the

Impact of Course Rigor

Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH

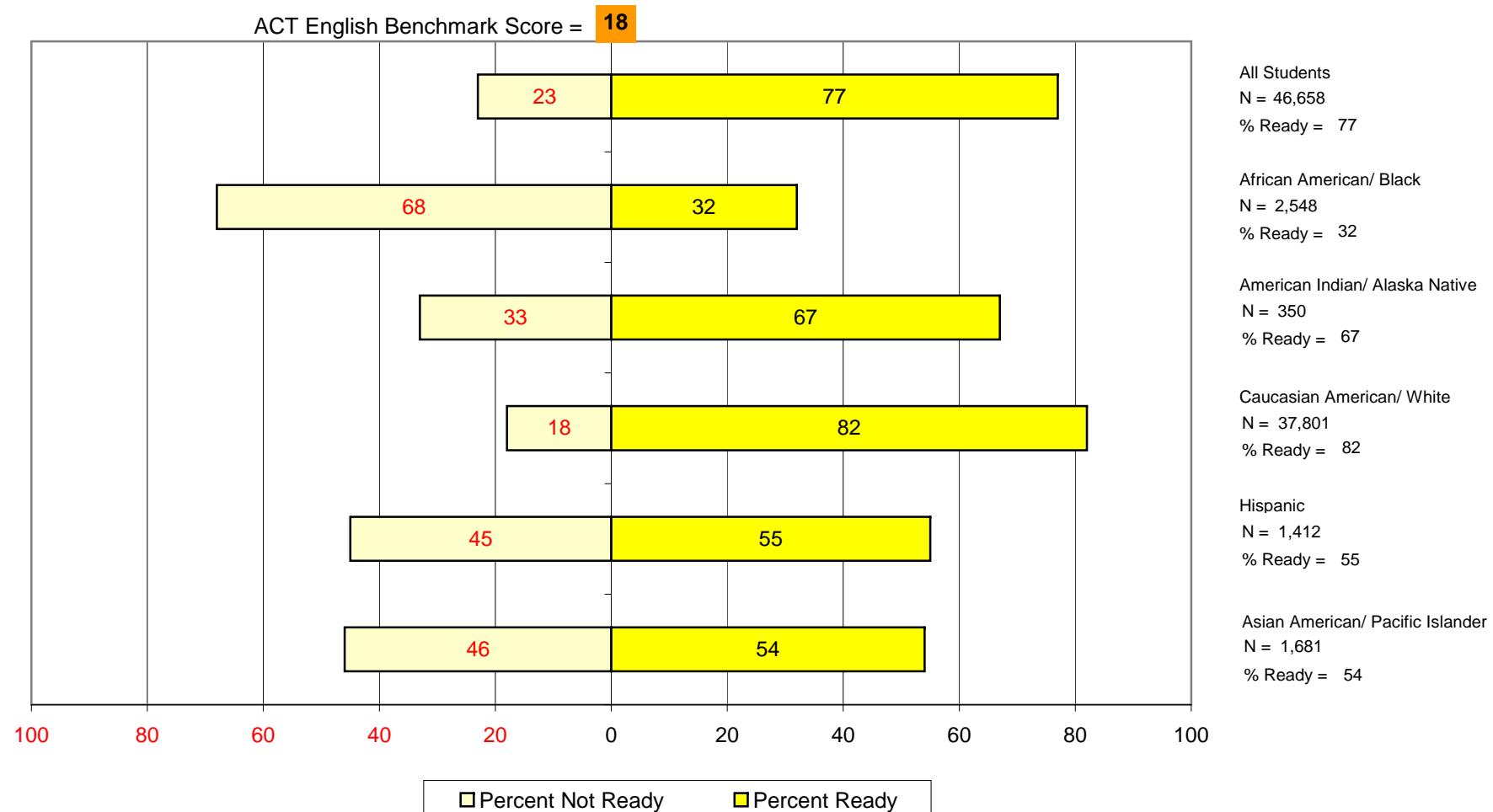


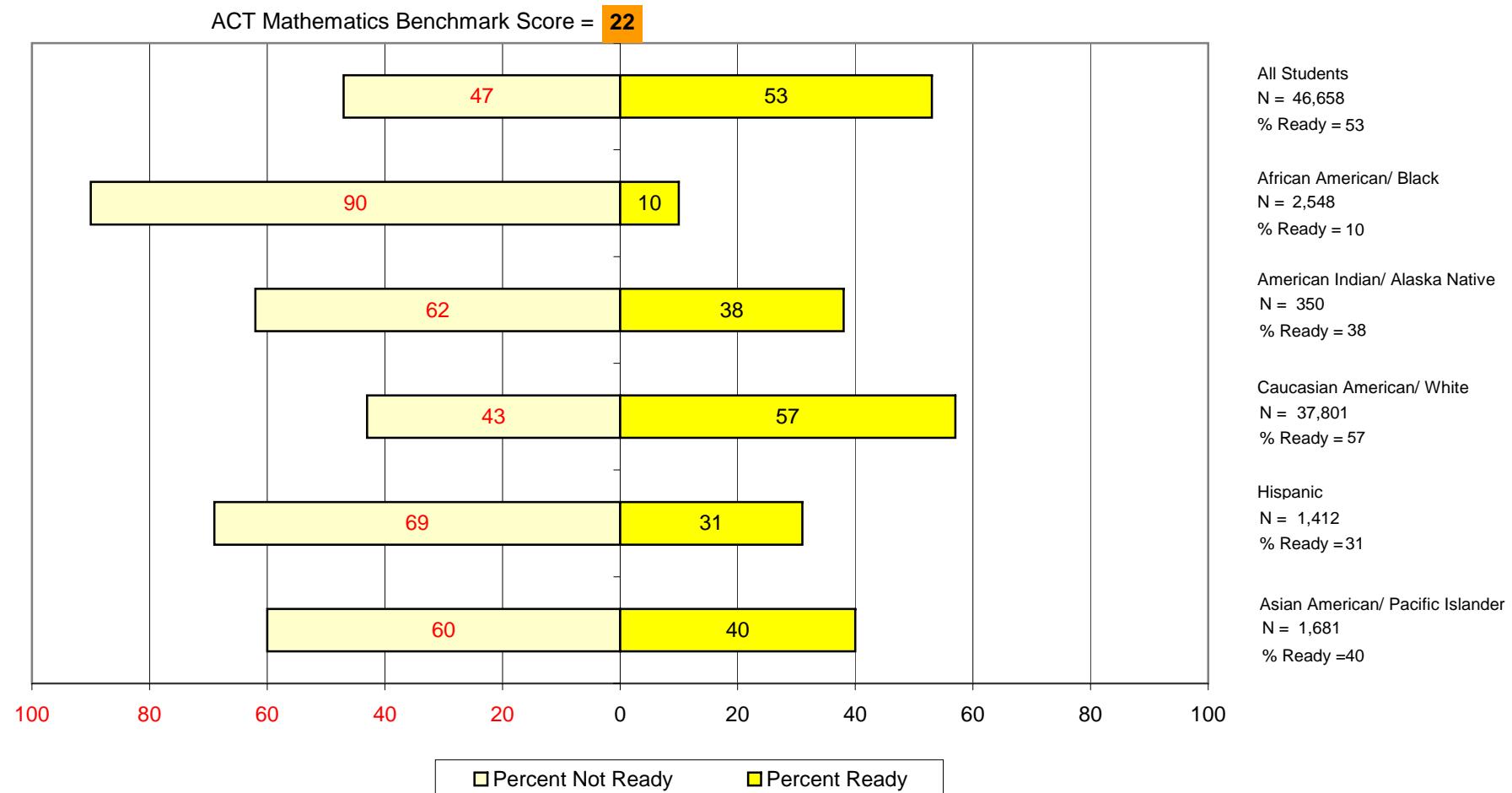
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

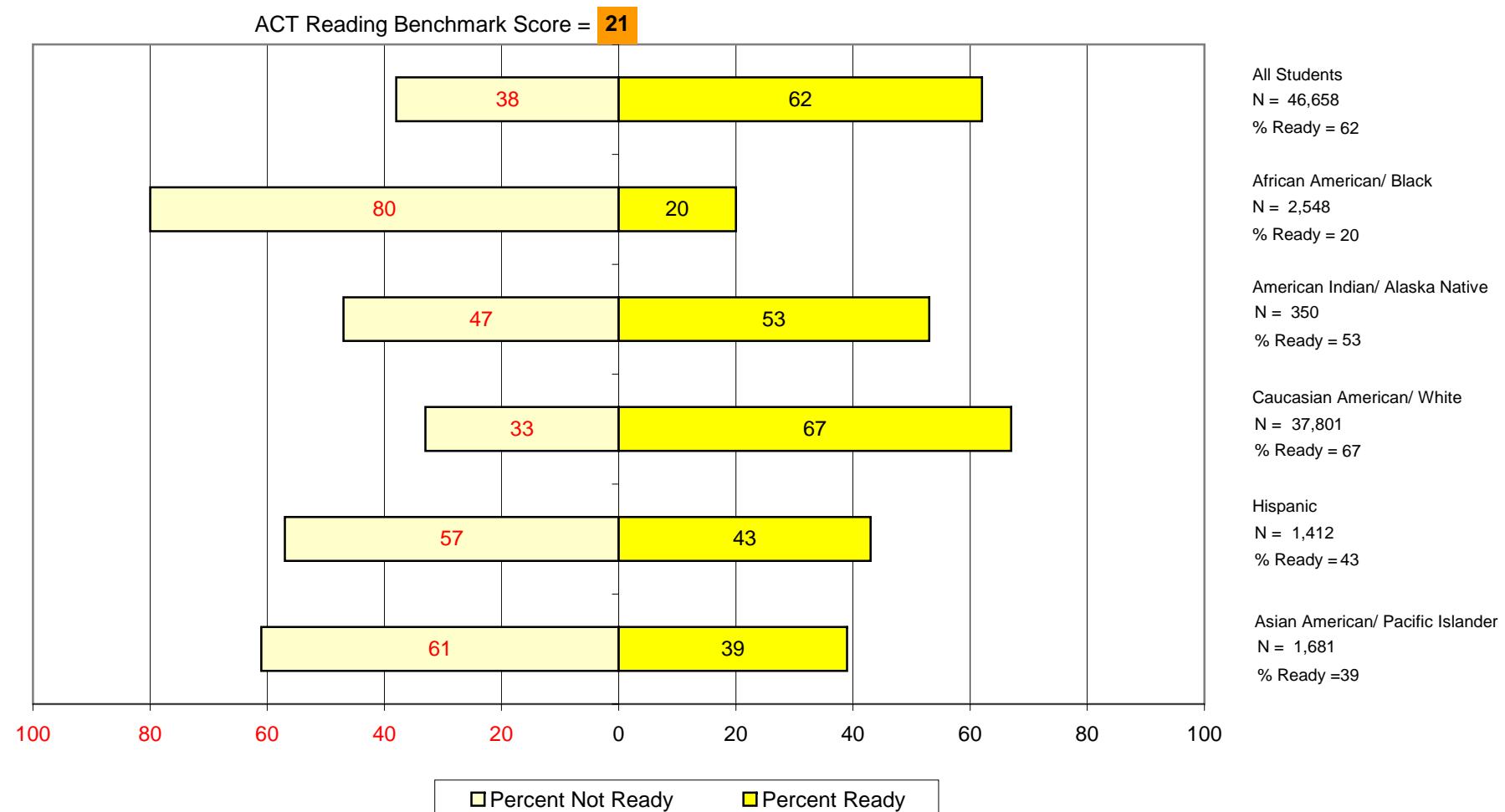


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

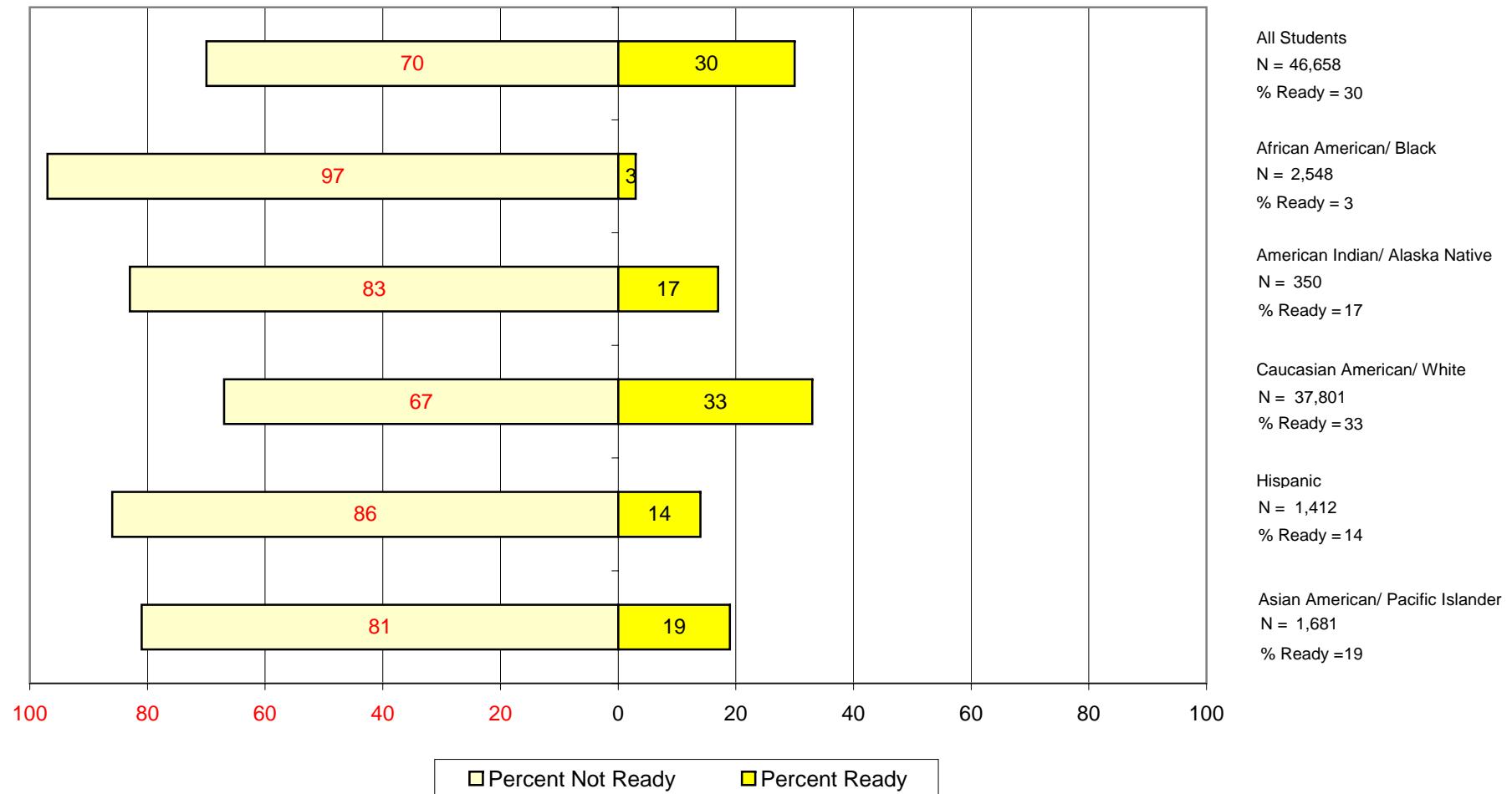


Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns

Course Pattern	All Students					Males					Females				
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹			
ENGLISH COURSE PATTERN															
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	16,601	36	22.3	3.4	6,701	31	22.0	3.3	9,861	39	22.6	3.4			
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	27,703	59	21.6	2.7	13,497	63	21.4	2.7	14,125	56	21.8	2.6			
Less than 4 years of English	1,652	4	18.9	-	795	4	18.7	-	848	3	19.2	-			
No English course/grade information reported	702	2	15.9	-	355	2	16.1	-	337	1	15.6	-			
MATHEMATICS COURSE PATTERN	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹			
Alg 1, Alg 2, Geom, Trig, & Calc	2,930	6	24.8	7.2	1,363	6	25.8	7.6	1,557	6	24.0	6.9			
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,140	11	22.7	5.1	1,997	9	23.6	5.4	3,128	12	22.1	5.0			
Alg 1, Alg 2, Geom, & Trig	3,949	8	20.6	3.0	1,712	8	21.3	3.1	2,224	9	20.1	3.0			
Alg 1, Alg 2, Geom, & Other Adv Math	6,896	15	21.4	3.8	2,700	13	22.0	3.8	4,183	17	21.0	3.9			
Other comb of 4 or more years of Math	15,366	33	24.9	7.3	8,104	38	25.6	7.4	7,214	29	24.0	6.9			
Alg 1, Alg 2, & Geom (Min. Core)	6,539	14	18.7	1.1	2,704	13	19.2	1.0	3,818	15	18.4	1.3			
Other comb of 3 or 3.5 years of Math	2,372	5	21.7	4.1	1,170	5	22.3	4.1	1,198	5	21.1	4.0			
Less than 3 years of Math	2,715	6	17.6	-	1,225	6	18.2	-	1,482	6	17.1	-			
No Math course/grade information reported	751	2	17.4	-	373	2	17.9	-	367	1	16.7	-			
SOCIAL SCIENCE COURSE PATTERN	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹			
US Hist, World Hist, Am Gov, & Other Hist	1,437	3	22.6	0.8	773	4	22.4	0.5	659	3	22.8	1.2			
Other comb of 4 or more years Social Science	21,398	46	23.0	1.2	9,722	46	23.1	1.2	11,616	46	22.9	1.3			
US Hist, World Hist, & Am Gov (Min. Core)	2,398	5	21.4	-0.4	1,193	6	21.7	-0.2	1,199	5	21.0	-0.6			
Other comb of 3 or 3.5 years of Social Science	14,384	31	22.8	1.0	6,434	30	23.0	1.1	7,911	31	22.7	1.1			
Less than 3 years of Social Science	6,316	14	21.8	-	2,861	13	21.9	-	3,436	14	21.6	-			
No Soc Sci course/grade information reported	725	2	17.5	-	365	2	18.0	-	350	1	16.8	-			
NATURAL SCIENCE COURSE PATTERN	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹			
Gen Sci ² , Bio, Chem, & Phys	21,147	45	23.3	3.4	10,628	50	24.0	3.9	10,462	42	22.6	2.9			
Bio, Chem, Phys	4,645	10	24.6	4.7	2,262	11	25.5	5.4	2,367	9	23.7	4.0			
Gen Sci ² , Bio, Chem (Min. Core)	14,448	31	21.2	1.3	5,377	25	21.6	1.5	9,032	36	21.0	1.3			
Other comb of 3 years of Natural Science	1,191	3	21.3	1.4	713	3	21.9	1.8	478	2	20.4	0.7			
Less than 3 years of Natural Science	4,494	10	19.9	-	1,997	9	20.1	-	2,480	10	19.7	-			
No Nat Sci course/grade information reported	733	2	18.1	-	371	2	18.7	-	352	1	17.3	-			

¹Course value added is defined as the average ACT score change compared to a less than core course sequence.²Includes General, Physical and Earth Sciences.

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	N	State			National			
		Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	16,601	36	22.3	81	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	27,703	59	21.6	76	1,029,431	70	20.6	68
Less than 4 years of English	1,652	4	18.9	59	74,090	5	16.7	42
No English course/grade information reported	702	2	15.9	33	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	2,930	6	24.8	75	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,140	11	22.7	61	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	3,949	8	20.6	42	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	6,896	15	21.4	47	220,868	15	20.1	36
Other comb of 4 or more years of Math	15,366	33	24.9	74	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	6,539	14	18.7	20	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	2,372	5	21.7	49	70,732	5	20.1	35
Less than 3 years of Math	2,715	6	17.6	13	105,591	7	16.5	7
No Math course/grade information reported	751	2	17.4	16	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	1,437	3	22.6	62	46,754	3	22.8	61
Other comb of 4 or more years Social Science	21,398	46	23.0	65	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	2,398	5	21.4	52	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	14,384	31	22.8	64	420,236	28	21.3	52
Less than 3 years of Social Science	6,316	14	21.8	57	152,775	10	19.7	40
No Soc Sci course/grade information reported	725	2	17.5	25	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	21,147	45	23.3	46	563,824	38	22.2	39
Bio, Chem, Phys	4,645	10	24.6	57	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	14,448	31	21.2	26	459,833	31	20.1	21
Other comb of 3 years of Natural Science	1,191	3	21.3	29	41,353	3	19.8	21
Less than 3 years of Natural Science	4,494	10	19.9	18	233,215	16	18.4	11
No Nat Sci course/grade information reported	733	2	18.1	13	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	866	2	20.7	135	5	19.0	681	2	21.1
Architecture & Environmental Design	1,064	2	21.9	69	2	19.1	945	2	22.2
Business & Management	4,631	10	21.8	208	7	17.8	4,198	10	22.1
Business & Office	431	1	20.4	48	2	18.0	357	1	20.8
Marketing & Distribution	558	1	21.2	32	1	17.4	496	1	21.5
Communications & Comm. Technologies	1,097	2	22.2	57	2	17.5	972	2	22.4
Community & Personal Services	1,118	2	19.6	148	5	17.5	909	2	20.0
Computer & Information Sciences	1,150	2	22.8	113	4	20.6	962	2	23.0
Cross-Disciplinary Studies	69	0	23.8	1	0	12.0	67	0	24.0
Education	2,220	5	22.0	55	2	18.5	2,045	5	22.2
Teacher Education	1,742	4	20.9	63	2	17.9	1,599	4	21.1
Engineering	1,794	4	24.8	51	2	17.1	1,667	4	25.1
Engineering-Related Technologies	1,465	3	23.4	92	3	19.3	1,297	3	23.7
Foreign Languages	359	1	23.7	13	0	16.3	317	1	23.9
Health Sciences & Allied Health Fields	8,606	18	22.2	548	19	18.3	7,696	19	22.5
Human, Family & Consumer Science	496	1	20.0	78	3	18.6	389	1	20.3
Letters	393	1	25.2	8	0	19.1	352	1	25.3
Mathematics	442	1	25.2	13	0	18.9	408	1	25.4
Philosophy, Religion & Theology	242	1	23.6	11	0	19.5	212	1	23.8
Sciences (Biological & Physical)	3,186	7	24.4	60	2	19.1	2,988	7	24.5
Social Sciences	2,950	6	23.1	55	2	19.5	2,765	7	23.1
Trade & Industrial	511	1	19.7	225	8	19.2	257	1	20.3
Visual & Performing Arts	2,695	6	22.0	186	7	18.7	2,294	6	22.3
Undecided	7,774	17	22.5	528	19	18.5	6,491	16	22.8
No Response	799	2	18.3	32	1	16.9	166	0	19.7

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N count for All Students.

²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Table 4.2. Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/Black		American Indian/Alaska Native		Caucasian American/White		Hispanic		Asian American/Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	595	19.0	28	14.4	5	18.8	510	19.5	14	16.4	21	16.2	17	18.1
2-yr College Degree	2,234	18.4	149	14.7	25	18.2	1,769	18.9	86	16.2	103	16.1	102	18.3
Bachelors Degree	22,856	21.6	965	16.2	167	20.3	19,325	22.1	577	19.4	764	18.5	1,058	21.5
Graduate Study	7,052	24.3	341	18.1	42	21.6	5,878	24.8	161	22.4	202	21.9	428	24.3
Prof. Level Degree	10,622	24.0	761	18.1	84	22.3	8,043	24.7	441	20.7	498	23.5	795	24.2
Other	1,136	19.9	90	15.7	11	20.2	856	20.5	44	17.4	37	18.0	98	20.7
No Response	2,163	22.0	214	15.5	16	19.1	1,420	23.1	89	17.4	56	21.0	368	22.5

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIV OF WISCONSIN-MADISON	Wisconsin	9,334	4,343	4,991	0	2	8	25	37	25	3
UNIV OF WISCONSIN-MILWAUKEE	Wisconsin	7,320	2,178	5,142	1	7	24	35	23	9	1
UNIV OF WISCONSIN-LA CROSSE	Wisconsin	5,684	1,315	4,369	0	2	13	37	35	12	0
UNIV OF WISCONSIN-EAU CLAIRE	Wisconsin	5,079	1,273	3,806	0	2	18	38	30	12	0
UNIV OF WISCONSIN-WHITEWATER	Wisconsin	5,002	1,444	3,558	1	6	26	38	22	6	0
UNIV OF WISCONSIN-OSHKOSH	Wisconsin	4,763	1,141	3,622	0	5	25	42	21	5	0
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	4,680	1,138	3,542	0	1	8	27	37	24	2
UNIV OF WISCONSIN-STEVENS POINT	Wisconsin	4,393	1,142	3,251	0	4	23	40	25	7	0
MARQUETTE UNIVERSITY	Wisconsin	3,636	944	2,692	1	6	14	27	30	20	2
UNIV OF WISCONSIN-GREEN BAY	Wisconsin	3,440	786	2,654	0	5	24	42	23	6	0
UNIV OF WISCONSIN-PLATTEVILLE	Wisconsin	2,663	809	1,854	1	5	21	36	26	10	1
UNIV OF WISCONSIN-STOUT	Wisconsin	2,305	591	1,714	0	5	29	41	20	5	0
UNIV OF WISCONSIN-RIVER FALLS	Wisconsin	1,448	437	1,011	0	5	25	39	24	7	0
UNIV OF WISCONSIN-PARKSIDE	Wisconsin	1,352	396	956	2	13	32	35	13	3	0
WINONA STATE UNIVERSITY	Minnesota	1,293	329	964	0	2	22	43	25	7	0
MILWAUKEE SCH OF ENGINEERING	Wisconsin	1,264	373	891	1	5	12	28	30	22	3
MADISON AREA TECHNICAL COLLEGE	Wisconsin	1,025	383	642	1	11	34	36	14	3	0
CARROLL UNIVERSITY	Wisconsin	1,022	275	747	1	5	24	36	23	10	0
MILWAUKEE AREA TECHNICAL COLLEGE	Wisconsin	921	251	670	7	23	37	24	7	2	0
CARTHAGE COLLEGE	Wisconsin	792	216	576	1	5	22	34	26	12	1
SAINT NORBERT COLLEGE	Wisconsin	778	201	577	0	2	14	34	32	16	2
UNIVERSITY OF MINNESOTA-DULUTH	Minnesota	732	187	545	0	3	18	39	28	11	1
EDGEWOOD COLLEGE	Wisconsin	686	193	493	1	4	24	39	23	9	1
UNIV OF WISCONSIN-WAUKESHA	Wisconsin	652	155	497	1	7	35	35	17	4	0
CONCORDIA UNIVERSITY-WI	Wisconsin	614	191	423	2	8	21	38	21	10	0
FOX VALLEY TECHNICAL COLLEGE	Wisconsin	592	213	379	2	11	41	34	11	1	0
VITERBO UNIVERSITY	Wisconsin	539	116	423	1	4	23	38	28	7	0
ALVERNO COLLEGE	Wisconsin	529	190	339	6	24	35	24	8	3	0
CARDINAL STRITCH UNIVERSITY	Wisconsin	528	121	407	3	23	30	29	11	4	0
UNIV OF WISCONSIN-MARATHON COUNTY	Wisconsin	500	175	325	2	7	35	35	17	4	0
All Other Institutions		32,429	8,690	23,739	1	8	21	28	22	16	3
Total		105,995	30,196	75,799	1	6	20	33	26	13	2

Section V

Optional Writing Test Results

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

	N		English		Average ACT Scores			
					Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	26,566	814,713	23.1	21.5	7.4	7.2	22.2	20.8
African American/Black	1,411	96,225	16.8	16.5	6.5	6.4	16.8	16.5
American Indian/Alaska Native	179	5,489	21.3	18.9	6.9	6.7	20.4	18.5
Caucasian American/White	21,309	497,164	23.7	22.8	7.4	7.3	22.8	21.9
Hispanic	802	85,681	19.8	18.4	7.0	7.0	19.5	18.4
Asian American/Pacific Islander	1,032	44,716	20.8	23.5	7.2	7.6	20.4	22.8
Other/No Response	1,833	85,438	23.7	21.4	7.4	7.2	22.7	20.8
Males	11,559	357,025	23.0	21.1	7.1	6.9	21.9	20.3
Females	14,920	455,190	23.2	21.7	7.6	7.4	22.5	21.2
Missing	87	2,498	23.8	22.1	7.7	7.2	23.0	21.3

